

ABSTRACT OF THE DISCLOSURE

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3 An intraocular lens (IOL) system includes a flexible lens
4 having a skirt, and a restraining element. The restraining
5 element is provided about the skirt and maintains the flexible
6 lens in a stressed, non-accommodating configuration. At
7 implantation, the ciliary body muscle is pharmacologically induced
8 into a relaxed state, a capsulorrhexis is performed on the lens
9 capsule, and the natural lens is removed from the capsule and
10 replaced with the lens of the invention. The ciliary body is
11 maintained in the relaxed state for several weeks until the
12 capsule heals and shrinks about the lens. The restraining element
13 is preferably designed to be removed in a non-surgically invasive
14 manner, e.g., via dissolution or laser light, after capsule
15 healing has occurred. The ciliary body and lens may then interact
16 in a manner substantially similar to the physiological interaction
17 between the ciliary body and a healthy natural crystalline lens.